小白成长日记——第十六天

我变强了，也要秃了

bootstrap

1. 折叠板
   简单折叠板: .collapse 类用于指定一个折叠元素 (实例中的 < div >); 点击按钮后会在隐藏与显示之间切换,控制内容的隐藏与显示，需要在 < a > 或 < button > 元素上添加 data-toggle="collapse" 属性。 data-target="#id" 属性是对应折叠的内容 (< div id="demo" >)

```html
<!DOCTYPE html>
<html>
<head>
 <title>Bootstrap4 实例</title>
 <meta charset="utf-8">
 <meta name="viewport" content="width=device-width, initial-scale=1">
 <link rel="stylesheet"
href="https://cdn.bootcss.com/bootstrap/4.1.0/css/bootstrap.min.css">
 <script src="https://cdn.bootcss.com/jquery/3.2.1/jquery.min.js">
</script>
 <script
src="https://cdn.bootcss.com/popper.js/1.12.5/umd/popper.min.js">
</script>
 <script
src="https://cdn.bootcss.com/bootstrap/4.1.0/js/bootstrap.min.js">
</script>
</head>
<body>
<div class="container">
  <h2>简单的折叠</h2>
  <p>点击按钮内容会再显示与隐藏之间切换。</p>
  <button type="button" class="btn btn-primary" data-toggle="collapse"
data-target="#demo">简单的折叠</button>
  <div id="demo" class="collapse">
   Lorem ipsum dolor sit amet, consectetur adipisicing elit,
   sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut
enim ad minim veniam,
   quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo
consequat.
  </div>
</div>
</body>
</html>
```

手风琴实例：以下实例通过扩展卡片组件来显示简单的手风琴。注意: 使用 data-parent 属性来确保所有的折叠元素在指定的父元素下，这样就能实现在一个折叠选项显示时其他选项就隐藏。

```
<!DOCTYPE html>
<html>
<head>
 <title>Bootstrap4 实例</title>
 <meta charset="utf-8">
 <meta name="viewport" content="width=device-width, initial-scale=1">
 <link rel="stylesheet"
href="https://cdn.bootcss.com/bootstrap/4.1.0/css/bootstrap.min.css">
 <script src="https://cdn.bootcss.com/jquery/3.2.1/jquery.min.js">
</script>
 <script
src="https://cdn.bootcss.com/popper.js/1.12.5/umd/popper.min.js">
</script>
 <script
src="https://cdn.bootcss.com/bootstrap/4.1.0/js/bootstrap.min.js">
</script>
</head>
<body>
<div class="container">
 <h2>手风琴实例</h2>
 <p><strong>注意:</strong> 使用 data-parent 属性来确保所有的折叠元素在
指定的父元素下，这样就能实现在一个折叠选项显示时其他选项就隐藏。 </p>
 <div id="accordion">
  <div class="card">
   <div class="card-header">
    <a class="card-link" data-toggle="collapse" data-parent="#accordion"
href="#collapseOne">
     Collapsible Group Item #1
    </a>
   </div>
   <div id="collapseOne" class="collapse show">
    <div class="card-block">
     Lorem ipsum dolor sit amet, consectetur adipisicing elit, sed do
eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad
minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex
ea commodo consequat.
    </div>
   </div>
  </div>
  <div class="card">
   <div class="card-header">
    <a class="collapsed card-link" data-toggle="collapse" data-
parent="#accordion" href="#collapseTwo">
     Collapsible Group Item #2
    </a>
   </div>
   <div id="collapseTwo" class="collapse">
    <div class="card-block">
```

```
        Lorem ipsum dolor sit amet, consectetur adipisicing elit, sed do
eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad
minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex
ea commodo consequat.
        </div>
      </div>
    </div>
    <div class="card">
     <div class="card-header">
      <a class="collapsed card-link" data-toggle="collapse" data-
parent="#accordion" href="#collapseThree">
        Collapsible Group Item #3
      </a>
     </div>
     <div id="collapseThree" class="collapse">
      <div class="card-block">
        Lorem ipsum dolor sit amet, consectetur adipisicing elit, sed do
eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad
minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex
ea commodo consequat.
        </div>
      </div>
    </div>
   </div>
</div>
</body>
</html>
```

2. 导航

简单的水平导航: 如果你想创建一个简单的水平导航栏，可以在 < ul >
元素上添加 .nav类，在每个 < li > 选项上添加 .nav-item 类，在每个
链接上添加 .nav-link 类。

```
<!DOCTYPE html>
<html>
<head>
 <title>Bootstrap4 实例</title>
 <meta charset="utf-8">
 <meta name="viewport" content="width=device-width, initial-scale=1">
 <link rel="stylesheet"
href="https://cdn.bootcss.com/bootstrap/4.1.0/css/bootstrap.min.css">
 <script src="https://cdn.bootcss.com/jquery/3.2.1/jquery.min.js">
</script>
 <script
src="https://cdn.bootcss.com/popper.js/1.12.5/umd/popper.min.js">
</script>
 <script
src="https://cdn.bootcss.com/bootstrap/4.1.0/js/bootstrap.min.js">
</script>
</head>
<body>
```

```
  <div class="container">
   <h2>导航</h2>
   <p>简单的水平导航:</p>
   <ul class="nav">
    <li class="nav-item">
     <a class="nav-link" href="#">Link</a>
    </li>
    <li class="nav-item">
     <a class="nav-link" href="#">Link</a>
    </li>
    <li class="nav-item">
     <a class="nav-link" href="#">Link</a>
    </li>
    <li class="nav-item">
     <a class="nav-link disabled" href="#">Disabled</a>
    </li>
   </ul>
  </div>
  </body>
  </html>
```

选项卡: 使用 .nav-tabs 类可以将导航转化为选项卡。然后对于选中的选项使用 .active 类来标记。

```
<!DOCTYPE html>
<html>
<head>
 <title>Bootstrap4 实例</title>
 <meta charset="utf-8">
 <meta name="viewport" content="width=device-width, initial-scale=1">
 <link rel="stylesheet"
href="https://cdn.bootcss.com/bootstrap/4.1.0/css/bootstrap.min.css">
 <script src="https://cdn.bootcss.com/jquery/3.2.1/jquery.min.js">
</script>
 <script
src="https://cdn.bootcss.com/popper.js/1.12.5/umd/popper.min.js">
</script>
 <script
src="https://cdn.bootcss.com/bootstrap/4.1.0/js/bootstrap.min.js">
</script>
</head>
<body>
<div class="container">
 <h2>选项卡</h2>
 <p>选项卡导航:</p>
 <ul class="nav nav-tabs">
  <li class="nav-item">
   <a class="nav-link active" href="#">Active</a>
  </li>
  <li class="nav-item">
   <a class="nav-link" href="#">Link</a>
```

```
      </li>
      <li class="nav-item">
        <a class="nav-link" href="#">Link</a>
      </li>
      <li class="nav-item">
        <a class="nav-link disabled" href="#">Disabled</a>
      </li>
    </ul>
  </div>
  </body>
  </html>
```

动态选项卡: 如果你要设置选项卡是动态可切换的，可以在每个链接上添加 data-toggle="tab" 属性。 然后在每个选项对应的内容的上添加 .tab-pane 类,如果你希望有淡入效果可以在 .tab-pane 后添加 .fade类:

```
<!DOCTYPE html>
<html>
<head>
  <title>Bootstrap4 实例</title>
  <meta charset="utf-8">
  <meta name="viewport" content="width=device-width, initial-scale=1">
  <link rel="stylesheet"
href="https://cdn.bootcss.com/bootstrap/4.1.0/css/bootstrap.min.css">
  <script src="https://cdn.bootcss.com/jquery/3.2.1/jquery.min.js">
</script>
  <script
src="https://cdn.bootcss.com/popper.js/1.12.5/umd/popper.min.js">
</script>
  <script
src="https://cdn.bootcss.com/bootstrap/4.1.0/js/bootstrap.min.js">
</script>
</head>
<body>
<div class="container">
  <h2>选项卡切换</h2>
  <br>
  <!-- Nav tabs -->
  <ul class="nav nav-tabs" role="tablist">
    <li class="nav-item">
      <a class="nav-link active" data-toggle="tab" href="#home">Home</a>
    </li>
    <li class="nav-item">
      <a class="nav-link" data-toggle="tab" href="#menu1">Menu 1</a>
    </li>
    <li class="nav-item">
      <a class="nav-link" data-toggle="tab" href="#menu2">Menu 2</a>
    </li>
  </ul>
  <!-- Tab panes -->
  <div class="tab-content">
```

```
    <div id="home" class="container tab-pane active"><br>
      <h3>HOME</h3>
      <p>Lorem ipsum dolor sit amet, consectetur adipisicing elit, sed do
eiusmod tempor incididunt ut labore et dolore magna aliqua.</p>
    </div>
    <div id="menu1" class="container tab-pane fade"><br>
      <h3>Menu 1</h3>
      <p>Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris
nisi ut aliquip ex ea commodo consequat.</p>
    </div>
    <div id="menu2" class="container tab-pane fade"><br>
      <h3>Menu 2</h3>
      <p>Sed ut perspiciatis unde omnis iste natus error sit voluptatem
accusantium doloremque laudantium, totam rem aperiam.</p>
    </div>
  </div>
</div>
</body>
</html>
```

胶囊状动态选项卡: 胶囊状动态选项卡只需要将以上实例的代码中 data-toggle 属性设置为 data-toggle="pill"

3. 导航栏
   基础导航栏创建
   我们可以使用 .navbar 类来创建一个标准的导航栏，后面紧跟: .navbar-expand-xl|lg|md|sm 类来创建响应式的导航栏 (大屏幕水平铺开，小屏幕垂直堆叠)。
   导航栏上的选项可以使用 < ul > 元素并添加 class="navbar-nav" 类。然后在 < li > 元素上添加 .nav-item 类， < a > 元素上使用 .nav-link 类

```
<!DOCTYPE html>
<html>
<head>
 <title>Bootstrap4 实例</title>
 <meta charset="utf-8">
 <meta name="viewport" content="width=device-width, initial-scale=1">
 <link rel="stylesheet"
href="https://cdn.bootcss.com/bootstrap/4.1.0/css/bootstrap.min.css">
 <script src="https://cdn.bootcss.com/jquery/3.2.1/jquery.min.js">
</script>
 <script
src="https://cdn.bootcss.com/popper.js/1.12.5/umd/popper.min.js">
</script>
 <script
src="https://cdn.bootcss.com/bootstrap/4.1.0/js/bootstrap.min.js">
</script>
</head>
<body>
<nav class="navbar navbar-expand-sm bg-light">
 <ul class="navbar-nav">
  <li class="nav-item">
```

```html
   <a class="nav-link" href="#">Link 1</a>
  </li>
  <li class="nav-item">
   <a class="nav-link" href="#">Link 2</a>
  </li>
  <li class="nav-item">
   <a class="nav-link" href="#">Link 3</a>
  </li>
 </ul>
</nav>
</body>
</html>
```

垂直导航栏: 通过删除 .navbar-expand-xl|lg|md|sm 类来创建垂直导航栏:

品牌/Logo: .navbar-brand 类用于高亮显示品牌/Logo

```html
<!DOCTYPE html>
<html>
<head>
 <title>Bootstrap4 实例</title>
 <meta charset="utf-8">
 <meta name="viewport" content="width=device-width, initial-scale=1">
 <link rel="stylesheet"
href="https://cdn.bootcss.com/bootstrap/4.1.0/css/bootstrap.min.css">
 <script src="https://cdn.bootcss.com/jquery/3.2.1/jquery.min.js">
</script>
 <script
src="https://cdn.bootcss.com/popper.js/1.12.5/umd/popper.min.js">
</script>
 <script
src="https://cdn.bootcss.com/bootstrap/4.1.0/js/bootstrap.min.js">
</script>
</head>
<body>
<nav class="navbar navbar-expand-sm bg-dark navbar-dark">
 <!-- Brand/logo -->
 <a class="navbar-brand" href="#">Logo</a>
 <!-- Links -->
 <ul class="navbar-nav">
  <li class="nav-item">
   <a class="nav-link" href="#">Link 1</a>
  </li>
  <li class="nav-item">
   <a class="nav-link" href="#">Link 2</a>
  </li>
  <li class="nav-item">
   <a class="nav-link" href="#">Link 3</a>
  </li>
 </ul>
</nav>
```

```
<div class="container-fluid">
 <h3>品牌/Logo</h3>
 <p>.navbar-brand 类用于高亮显示品牌/Logo:</p>
</div>
</body>
</html>
```

折叠导航栏:通常，小屏幕上我们都会折叠导航栏，通过点击来显示导航选项。
要创建折叠导航栏，可以在按钮上添加 class="navbar-toggle", data-toggle="collapse" 与 data-target="#thetarget" 类。然后在设置了 class="collapse navbar-collapse" 类的 div 上包裹导航内容（链接），div 元素上的 id 匹配按钮 data-target 的上指定的 id:

```
<!DOCTYPE html>
<html>
<head>
 <title>Bootstrap4 实例</title>
 <meta charset="utf-8">
 <meta name="viewport" content="width=device-width, initial-scale=1">
 <link rel="stylesheet"
href="https://cdn.bootcss.com/bootstrap/4.1.0/css/bootstrap.min.css">
 <script src="https://cdn.bootcss.com/jquery/3.2.1/jquery.min.js">
</script>
 <script
src="https://cdn.bootcss.com/popper.js/1.12.5/umd/popper.min.js">
</script>
 <script
src="https://cdn.bootcss.com/bootstrap/4.1.0/js/bootstrap.min.js">
</script>
</head>
<body>
<nav class="navbar navbar-expand-md bg-dark navbar-dark">
 <a class="navbar-brand" href="#">Navbar</a>
 <button class="navbar-toggler" type="button" data-toggle="collapse"
data-target="#collapsibleNavbar">
  <span class="navbar-toggler-icon"></span>
 </button>
 <div class="collapse navbar-collapse" id="collapsibleNavbar">
  <ul class="navbar-nav">
   <li class="nav-item">
    <a class="nav-link" href="#">Link</a>
   </li>
   <li class="nav-item">
    <a class="nav-link" href="#">Link</a>
   </li>
   <li class="nav-item">
    <a class="nav-link" href="#">Link</a>
   </li>
  </ul>
 </div>
</nav>
```

```
<br>
<div class="container">
 <h3>折叠导航栏</h3>
 <p>通常，小屏幕上我们都会折叠导航栏，通过点击来显示导航选项。</p>
 <p>提示: 如果你删除 .navbar-expand-md 类，导航链接会一直隐藏，且切换
按钮会一直显示。</p>
</div>
</body>
</html>
```

导航栏使用下拉菜单: 导航栏上可以设置下拉菜单

```
<!DOCTYPE html>
<html>
<head>
 <title>Bootstrap4 实例</title>
 <meta charset="utf-8">
 <meta name="viewport" content="width=device-width, initial-scale=1">
 <link rel="stylesheet"
href="https://cdn.bootcss.com/bootstrap/4.1.0/css/bootstrap.min.css">
 <script src="https://cdn.bootcss.com/jquery/3.2.1/jquery.min.js">
</script>
 <script
src="https://cdn.bootcss.com/popper.js/1.12.5/umd/popper.min.js">
</script>
 <script
src="https://cdn.bootcss.com/bootstrap/4.1.0/js/bootstrap.min.js">
</script>
</head>
<body>
<nav class="navbar navbar-expand-sm bg-dark navbar-dark">
 <!-- Brand -->
 <a class="navbar-brand" href="#">Logo</a>
 <!-- Links -->
 <ul class="navbar-nav">
  <li class="nav-item">
   <a class="nav-link" href="#">Link 1</a>
  </li>
  <li class="nav-item">
   <a class="nav-link" href="#">Link 2</a>
  </li>
  <!-- Dropdown -->
  <li class="nav-item dropdown">
   <a class="nav-link dropdown-toggle" href="#" id="navbardrop" data-
toggle="dropdown">
    Dropdown link
   </a>
   <div class="dropdown-menu">
    <a class="dropdown-item" href="#">Link 1</a>
    <a class="dropdown-item" href="#">Link 2</a>
    <a class="dropdown-item" href="#">Link 3</a>
```

```
      </div>
    </li>
  </ul>
</nav>
</body>
</html>
```

导航栏的表单与按钮: 导航栏的表单

元素使用 class="form-inline" 类来排版输入框与按钮

```
<!DOCTYPE html>
<html>
<head>
  <title>Bootstrap4 实例</title>
  <meta charset="utf-8">
  <meta name="viewport" content="width=device-width, initial-scale=1">
  <link rel="stylesheet"
href="https://cdn.bootcss.com/bootstrap/4.1.0/css/bootstrap.min.css">
  <script src="https://cdn.bootcss.com/jquery/3.2.1/jquery.min.js">
</script>
  <script
src="https://cdn.bootcss.com/popper.js/1.12.5/umd/popper.min.js">
</script>
  <script
src="https://cdn.bootcss.com/bootstrap/4.1.0/js/bootstrap.min.js">
</script>
</head>
<body>
<nav class="navbar navbar-expand-sm bg-dark navbar-dark">
  <form class="form-inline">
    <input class="form-control" type="text" placeholder="Search">
    <button class="btn btn-success" type="button">Search</button>
  </form>
</nav>
<br>
<div class="container">
  <h3>导航栏的表单</h3>
  <p>导航栏的表单 form 元素使用 class="form-inline" 类来排版输入框与按
钮: </p>
</div>
</body>
</html>
```

固定导航栏: 导航栏可以固定在头部或者底部。
我们使用 .fixed-top 类来实现导航栏的顶部固定，.fixed-bottom 类用于设置导
航栏固定在底部

```
<!DOCTYPE html>
<html>
<head>
```

```html
  <title>Bootstrap4 实例</title>
  <meta charset="utf-8">
  <meta name="viewport" content="width=device-width, initial-scale=1">
  <link rel="stylesheet"
href="https://cdn.bootcss.com/bootstrap/4.1.0/css/bootstrap.min.css">
  <script src="https://cdn.bootcss.com/jquery/3.2.1/jquery.min.js">
</script>
  <script
src="https://cdn.bootcss.com/popper.js/1.12.5/umd/popper.min.js">
</script>
  <script
src="https://cdn.bootcss.com/bootstrap/4.1.0/js/bootstrap.min.js">
</script>
</head>
<body  style="height:1500px">
<nav class="navbar navbar-expand-sm bg-dark navbar-dark fixed-top">
  <a class="navbar-brand" href="#">Logo</a>
  <ul class="navbar-nav">
    <li class="nav-item">
      <a class="nav-link" href="#">Link</a>
    </li>
    <li class="nav-item">
      <a class="nav-link" href="#">Link</a>
    </li>
  </ul>
</nav>
<div class="container-fluid" style="margin-top:80px">
  <h3>固定导航栏</h3>
  <p>导航栏可以固定在头部或者底部。</p>
  <h1>滚动页面查看效果。</h1>
</div>
</body>
</html>
```